1723

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) Applicant(s): **Kelley et al**			Docket No. **200100256**
Serial No. **09/759,920**	Filing Date **01/12/2001**	Examiner **Krishnan Menon**	Group Art Unit **1723**

Invention: **SYSTEM AND METHOD FOR LIQUID FILTRATION BASED ON A NEUTRAL FILTER MATERIAL**

I hereby certify that this **Amendment**
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Docket No.: 200100256

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Kelly et al. **GROUP ART UNIT:** 1723

SERIAL NO.: 09/759,920 **FILED:** 01/12/2001

TITLE: SYSTEM AND METHOD FOR LIQUID FILTRATION BASED ON A NEUTRAL FILTER MATERIAL

Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENT

Responsive to the Office Action of November 5, 2002, please enter the following amendments and remarks. Please amend the application as follows:

IN THE CLAIMS

31. (Twice Amended) The filter of Claim 1 wherein one or more porous filters have a nominal pore diameter between 0.1 and 1 micron.

REMARKS

It is the Examiner's position that the provisional application fails to provide adequate supports for Claims 3, 44, 9 and 10 since the referenced claims depend upon zeta potential for the filter.

The provisional application specified the isoelectric point (IEP) of the filters of this invention. As set forth in Correlation Spectroscopy Course, Zeta Potential and pH, Malvern Instruments Inc., Colloidal Dynamics, 2002, Determining the Isoelectric Point, and Ceramic Industry, Measuring Zeta Potential, copies of which are enclosed, the relationship between IEP and zeta potential of a filter is disclosed. As set forth in the references, the isoelectric point of a material is the pH at which the zeta potential of the material is zero. Thus, when one knows the isoelectric point of a filter, one knows that the pH at which the zeta potential of the filter is zero. The provisional application specifies the IEP of the filter of this invention. Thus, one skilled in the art can easily determine the zeta potential of the filter of this invention from the information